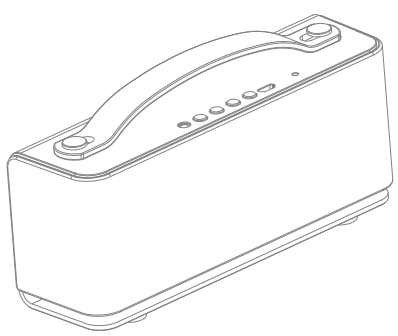
AUDIO DYNAMIX®



X05-Atom

Dear Sir/Madam:

Thank you for purchasing the X05-Atom V2 Bluetooth Speaker

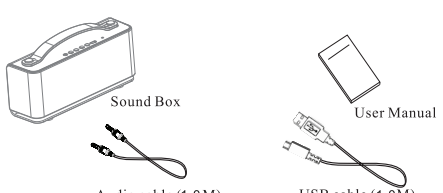
The Atom V2 is our latest variant of the X05 . This model features the same amplifier module and enclosure of the original model. Version 2 features a 3000mAh battery and adopts Bluetooth V4.0 with apt-x profile for superiour wireless bandwidth, battery level display and simultanious connection of 2 Atoms to a single device.

We have now improved the DSP to improve noise reduction and sound. The sound quality of the Atom improves over the first 50+hrs of use as the transducers and components bed in.

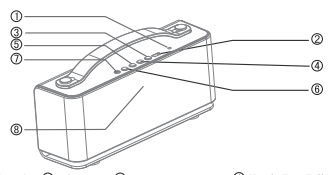
Safety Notes

Please avoid excessive volume levels that may impair hearing or depending on high levels of distortion may cause damage to your speaker. Please keep your speaker away from heat sources, liquids and flammable items. Your speaker should not be left in reach of infants. Please take care when connecting and disconnect the USB and AUX cables and follow the instructions for charging, paying particular attention to the output level of your charger. If you are unsure please contact us for advice: support@audiodynamix.co.uk

Unpack



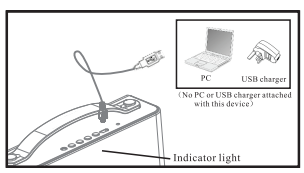
Device Layout



① MIC ② USB port ③ VOL+/NEXT track ④ Hands-Free Talking/Play/Pause
⑤ VOL-/Previous ⑥ Power/Bluetooth ⑦ Audio input ⑧ Indicator Light

Charge the Battery

The lithium battery requires charging when the light on the fron of the Atom starts to blink red twice every few seconds. The light will be accompanied by a "tot-tot" sound. If the speaker is not charged shortly after this point it will shutdown. The speaker can be charged via a USB from a PC or mains charger. When fully charged the red light will turn off . Chargers should be 5volts @ 1000mAh.

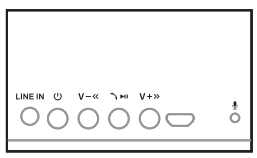


1. Insert DC port of cable into X05 via the jack of USB port.
2. Insert USB port of cable into PC or Charger.

When the battery is being charged, the red light turns on.
Once the battery is fully charged, the red light turns out.
It takes 2 to 3 hours to fully charge the battery.

(The working hours may vary due to volume, exterior environment and other factors.)
You may use this device in charging status; however, it may need long time for charging battery.

Bluetooth Connection:



Blue light turns on: no audio cable or Bluetooth device is connected yet, in this case, you may connect X05 to Bluetooth device (mobile phone) as it did last time.

Blue and red light blink alternately: no audio cable is connected yet while new Bluetooth device is found.

Red light turns on: X05 is in charging status

Quick Start guide

1: Using the power button:
a) Power On: Press and hold the power button for 5 seconds.
b) Power Off: Press the power button for approximately 1 second.

2:Bluetooth Setup: After the Atom is powered on, press and hold the power button for 3 second until you hear a "beep" and the light flashes red and blue. On your audio device turn on Bluetooth and scan for available devices. When "X05" appears on your display, select to pair and connect. When the Atom and your device have successfully connected the Atom will make a "Beep" sound and the light will slowly flash blue.

3: If you receive a phone call while you are using the Atom you may answer it by pressing the "Play/pause" button. To end the call press again. If you wish to decline the call, press and hold the "Play/Pause" button for 2 seconds.

4: To increase/decrease the volume, long press the V- or V+ buttons. Please note that when connected via Bleutooth the volume can be adjust with your audio device and the Atom but when connection is via the AUX line-in the volume controls of the speaker are disabled.

5: Track forward or Advance: short press the V- or V+ button.

6: When the Atom starts to make a "Beep-Beep" sound it needs to be charged.

7: When the Atom is charging the red light will on, when the battery is full the red light will go off.

In order to maintain battery capacity, please fully discharge and charge the battery every three months whether you use it or not during such period.

Bluetooth setup for the Atom:

There are thousands of devices that have Bluetooth facilities. Here we will talk you through the most common methos to connect your devices via Bluetooth. There may be some variations.

Before getting started please ensure that Bluetooth is activated on your audio device, that it is not already connected. Please ensure that the Atom is not charging and the AUX cable is removed.

Turn on the Atom and then press and hold the power button for 3 seconds until it makes a "beep-beep" sound and the light starts to flash red and blue.

Now on your audio device enter the Settings menu and then Bluetooth settings and scan for available devices. After a few seconds "X05" should show on your devices display. select the X05 on your device to pair and then to connect.

When your audio device and the Atom are connected the Atom will emit a couple of "Beep" sounds and the light on the front of the speaker will slowly flash blue once every few seconds.

Once the connection has been made the next time you come to use the Atom once powered on it will automatically connect the last last Bluetooth device.

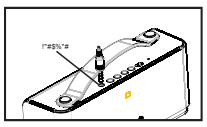
***If a Pin number is required by your audio device please enter: 0000 or 8888**
***For variations play follow the instructions in your user manual.**

Bluetooth: Play Music and Hands-Free Talking

The Atom is able to play all music formats so long as those file types are supported by your audio device.
Play, Pause, Track back, Track advance, Volume up and down can all be controlled via both the controls on top of the Atom and via your audio device. If you receive a phone call while you are connected to the Atom you can answer the call on hands free by pressing the "Play/Pause" button on the Atom; to end the call press this button again.

Connect X05 to Non-Bluetooth Device

If your device does not support Bluetooth you may connect to the Atom via the 3.5mm AUX input. using the supplied cable, plug one end into the headphone socket of your phone or tablet P.C and the other end into the AUX input that is found on the top of the speaker on the far left of the buttons. Please note that the volume controls of the Atom are disabled when connecting in this way and the volume is locked at 50% to protect the speaker from clipping.



1:Insert one end of audio cable into the headset jack of your mobile phone and insert the other end into AUX port
2:Turn on both X05 and mobile phone.
3:Turn on music player built in mobile phone.
4:Adjust by pressing VOL+/VOL- on mobile phone.
* Before disconnecting mobile phone and X05, please firstly turn both of them off.

Troubleshooting:

Atom doesn't work:
1) If the light on the fron of the speaker is not illuminated when attempting to power the speaker on it may be because the battery has run on. Please connect the Atom to a PC or USB charger.
2) The speaker is powered off or it has entered standby mode; please press the power button until the indicator light turns on.
3) Bluetooth connection may have been lost due to the distance between the Atom and mobile/tablet, obstructions or low battery.

Continued on page 6.

The Atom fails to connect to via Bluetooth:
1) Check that Bluetooth is activated on your audio device and that the Atom is paired.
2) If you are unable to connect to Bluetooth with your Windows based Tablet, PC or laptop it may be because your drivers need updating; please visit the manufacturers website.
3) Check that you entered the correct PIN number: 0000
4) When searching for the Atom please ensure that your audio device is "Discoverable"

Fails to play music:
1) Bluetooth connect corruption can occur when devices have been paired for a period of time , when you have numerous Bluetooth devices saved in the memory or due to a glitch. in thid instances please unpair the Atom and your device and make a new "pairing"
2) Check whether the music is paused.
3) Check the volume level on the Device and the Atom.
4) Is the Atom connected to another device via AUX?
5) is the battery running low?

Music is suspended:
Check whether the Atom is running out of power and charge.

Technical Parameters

Model: X05-Atom V2

Rated power: 2 x 5watts RMS
Battery: 3.7V, 3000mAh Lithium rechargeable
Compatible charger: Up to 5V and 1000mAh
Charge time: 3-5hours via USB (or until red light goes out)
Playtime: 10hrs to 30hrs **
Bluetooth Version: 4.0
Bluetooth range: 15 metres average and up to 40mtrs line of sight*
Stereo isolation: 40db
Frequency range: 42Hz to 19Khz
Input Sensitivity: 800mv

* Range can be affected by the transmitter strength of the audio device, Enviromental conditions and remaining charge.

** Playtime as measured during independant tests with variations in Volume, music content, temperature and input type.

Terms and Conditions of Warranty:

Audio Dynamix Ltd offer a standard 12 month warranty that covers defects in materials and/or production. In the event of a defect the speaker will be replaced or refunded if less then 28 days have passed since the date of purchase. After this period a repair will be offered If the speaker cannot be repaired within a 14days of receipt of return the speaker will be replaced.
The warranty will be void where it is deemed that the defect was caused by the negligent use. "Negligent use" includes'
but is not rescricted to:
1) Not charging the battery in-line with the User Manual
2) Exposing the speaker to excessive heat, humidity or forces
3) Damage caused by lack of care and historical neglect, drop damage, contact with fluids or excessive ouput.

If you have any questions or you require help please contact us at:
support@audiodynamix.co.uk

Name and Content of Toxic or Hazardous Substances and Elements
According to *Management Methods for Controlling Pollution by Electronic Information Products*

Toxic or Hazardous Substances and Elements						
Part Name	Pb	Hg	Cd	Cr(VI)	PBB	PBDE
Cable	×	O	O	O	O	O
PWAs	×	O	O	O	O	O
Plastic parts	O	O	O	O	O	O
Wood parts	O	O	O	O	O	O
Metallic elements	×	O	O	×	O	O

O =indicates that this toxic or hazardous substance contained in all the homogeneous materials for this part is below the limit requirement in SJ/T 11363-2006.
× =indicates that this toxic or hazardous substance contained in all the homogeneous materials for this part is above the limit requirement in SJ/T 11363-2006.

CE RoHS